

Set	Items	Description
S1	84438	PARALLEL(W) PROCESSING
S2	177	POINT(W) SALE
S3	0	S1 (5N) S2
S4	0	S1 (5N) S2
S5	0	S1 AND S2
S6	227333	POINT (2W) SALE
S7	0	POINT(W) OF(W) SALE
S8	2	S1 (5N) S6
S9	137760	POS
S10	4	S9 (5N) S1
S11	5	MITSUBISHI AND T3810
S12	5078	S6 (3N) NETWORK
S13	2461	S12 AND 1
S14	14	S1 AND S12
S15	65708	MULTIPROCESSING
S16	8	S12 AND S15
S17	19084	UNIXWARE
S18	1978	S17 AND S15
S19	1161	RD (unique items)
S20	29	S18 AND S6
S21	19	RD (unique items)
S22	110224	NCR
S23	8437	S22 AND S6
S24	82	S23 AND S15
S25	49	RD (unique items)
S26	167	S22 AND S12
S27	0	S25 AND S12
S28	0	S26 AND S15

SHOW FILES

File 15:ABI/Inform(R) 1971-2003/Nov 18
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File 9:Business & Industry(R) Jul/1994-2003/Nov 17
(c) 2003 Resp. DB Svcs.

File 610:Business Wire 1999-2003/Nov 18
(c) 2003 Business Wire.

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2003/Nov 17
(c) 2003 The Gale Group

File 476:Financial Times Fulltext 1982-2003/Nov 18
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File 624:McGraw-Hill Publications 1985-2003/Nov 18
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File 621:Gale Group New Prod.Annou.(R) 1985-2003/Nov 18
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File 636:Gale Group Newsletter DB(TM) 1987-2003/Nov 17
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File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2003/Nov 17
(c) 2003 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 634:San Jose Mercury Jun 1985-2003/Nov 15
(c) 2003 San Jose Mercury News

File 148:Gale Group Trade & Industry DB 1976-2003/Nov 18
(c)2003 The Gale Group

File 20:Dialog Global Reporter 1997-2003/Nov 18
(c) 2003 The Dialog Corp.

File 35:Dissertation Abs Online 1861-2003/Oct
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File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 65:Inside Conferences 1993-2003/Nov W3
(c) 2003 BLDSC all rts. reserv.

File 2:INSPEC 1969-2003/Nov W2
(c) 2003 Institution of Electrical Engineers

File 233:Internet & Personal Comp. Abs. 1981-2003/Jul
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File 474:New York Times Abs 1969-2003/Nov 17
(c) 2003 The New York Times

File 475:Wall Street Journal Abs 1973-2003/Nov 17
(c) 2003 The New York Times

File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Oct
(c) 2003 The HW Wilson Co.

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Oct
(c)2003 Info.Sources Inc

File 348:EUROPEAN PATENTS 1978-2003/Nov W02
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20031113,UT=20031106
(c) 2003 WIPO/Univentio

File 347:JAPIO Oct 1976-2003/Jul(Updated 031105)
(c) 2003 JPO & JAPIO

T S16/FULL/1,2,8

16/19/1 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
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00679811 20020314073B0156 (THIS IS THE FULLTEXT)

Wind River Announces Product Rollout Plans for Its BSD/OS UNIX-Based Operating System; Version 4.3 of BSD/OS Also Released

Business Wire

Thursday, March 14, 2002 08:01 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 824

TEXT:

ALAMEDA, Calif., Mar 14, 2002 (BUSINESS WIRE) - Wind River Systems, Inc. (Nasdaq:WIND), a leading provider of software and services for connected smart devices, today announced the release of version 4.3 of BSD/OS(TM), the company's commercial UNIX-based operating system, and detailed roadmap plans for the product.

Version 4.3 of BSD/OS is available now, and continues the operating system's heritage of providing superior features and performance for enterprise and Internet Service Provider (ISP) servers, server appliances, and other embedded server-like devices. Future releases of the operating system will target server appliances, security and traffic management appliances, network attached storage (NAS) devices, and telecom application processing blades as part of Wind River's strategy to provide end-to-end development platforms across the entire spectrum of original equipment manufacturer (OEM) and embedded market segments.

Wind River is currently developing the next-generation release of BSD/OS -- version 5.0 -- for purpose-built or embedded applications that require a robust UNIX-based operating system. BSD 5.0, to be made available in the first

half of 2002, will provide improved performance and exceptional throughput with a new symmetrical multiprocessing (SMP) kernel that offers fine-grain locking. In addition to continuing its superior support for Intel

Architecture

processors, the next release will bring BSD/OS to the PowerPC architecture, with support for the Motorola MPC7400 and IBM PowerPC 750 platforms. Board support packages for Wind River's PPMC7400 and PPMC750 boards will be available for developers desiring an off-the-shelf solution. Wind River's VisionWare bootloader and the Vision tool suite will also be available for developers using BSD/OS on custom PowerPC boards. Although BSD support for Intel Architecture and PowerPC will enable BSD/OS to span an important class

of applications, Wind River will consider further expansion of processor coverage in order to meet customer needs on a continuing basis. In addition,

future releases will integrate Wind River's Tornado(R) integrated development

environment (IDE) with BSD/OS. This will enable developers to build BSD/OS-based applications with the same award-winning development tools already used by thousands of software engineers.

"This release delivers on Wind River's commitment to current BSD/OS customers with many advanced features and lays the groundwork for more embedded capabilities" said Dave Fraser, group vice president and general manager of Wind River's Networks business unit. "BSD/OS complements Wind River's operating system portfolio and extends our reach into new application areas beyond our traditional VxWorks and VxWorks/AE strongholds. Coupled with our products and services, BSD/OS is a technically superior UNIX-based platform with a commercially oriented license."

BSD/OS 5.0 and other future releases of the product will target servers, server appliances, and purpose-built server applications, as well as non-real-time embedded systems that require a full-featured UNIX-based operating system. Such systems often have high degrees of software complexity and need the capability to run applications developed for UNIX-style operating systems. Wind River's VxWorks(TM) real-time operating system will continue to be Wind River's core offering for embedded applications that require real-time, deterministic performance and constrained memory footprints.

BSD/OS 4.3

Version 4.3 of BSD/OS includes a number of new advanced features including:

- Preboot Execution Environment (PXE) support that enables remote execution so applications can run remotely from clients.
 - Updated KAME snapshot for enhanced IPv4, IPv6, and IPSec functionality.
 - Fixed priority rate scheduling.
 - Gigabit Ethernet and Compaq 5300 RAID controller support.
 - Updates protecting against the latest security threats.
- Availability

BSD/OS 4.3 is available now. More information on future releases of BSD/OS will be announced later in 2002. For more information on BSD/OS or any of Wind River's development platforms, please visit www.windriver.com.

About BSD/OS

In May 2001, Wind River purchased the software assets of Berkeley Software Design, Inc. (BSDi), including those of the BSD/OS product line. Originally derived from the University of California at Berkeley's 4.4BSD release, and enhanced by BSDi, the BSD/OS kernel is a fast, scalable, multitasking 32-bit client/server network platform with virtual memory capability and memory protection. Its compact kernel, high performance, and enhanced networking capabilities make it ideal for the development and management of purpose-built server and embedded network applications. Today, BSD/OS powers enterprise and ISP servers, network firewall products, routers, Internet telephony applications, intelligent network devices, and point-of-sale systems.

About Wind River

Wind River is a worldwide leader in integrated embedded software solutions for

creating reliable and innovative connected devices. Wind River provides development tools, real-time operating systems, and advanced connectivity software for use in products in network infrastructure, digital consumer electronics, automotive, industrial, and aerospace/defense markets. Wind River is How Smart Things Think(TM). Founded in 1981, Wind River is headquartered in Alameda with operations worldwide.

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URL: <http://www.businesswire.com>

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COMPANY NAMES: wind river systems, inc.

GEOGRAPHIC NAMES: AMERICAS; CALIFORNIA; NORTH AMERICA; USA

INDUSTRY NAMES: COMMUNICATIONS TECHNOLOGIES; COMPUTER HARDWARE; COMPUTER SECURITY; COMPUTER SOFTWARE; COMPUTERS; CORPORATE; CORPORATE NETWORKS; DATA COMMUNICATIONS; INTERNET; NETWORKS; OPERATING SYSTEM SOFTWARE; SECURITY

EVENT NAMES: MANUFACTURING AND PRODUCTION; PRODUCTIVITY; TECHNOLOGY DEVELOPMENT

16/19/2 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01956952 SUPPLIER NUMBER: 18429710 (THIS IS THE FULL TEXT)

Network, Sun shine at Florida resort. (Boca Raton Resort and Club sets up 2 RS/6000 servers) (Product Information)

Haverson, Debra Sheer

MIDRANGE Systems, v9, n9, p14(2)

June 14, 1996

ISSN: 1041-8237 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1141 LINE COUNT: 00093

ABSTRACT: The Boca Raton Resort and Club hired systems integrator Communications Technical Systems (CTS) to advise them on the upgrade of its computer system. The resort, which relies on quality service to provide first rate accommodations, wanted to provide rapid system response times, 24-hour operation and the ability to make better use of information. CTS recommended the installation of two IBM RS/6000 servers running a combination of systems administration utilities on IBM's High Availability Cluster Multiprocessing/6000 operating system enhancement. The clustering, combined with a Data General Clariion RAID subsystem, assures fault tolerant operation. The servers also run a proprietary Management System property software and a suite of financial, purchasing and workflow applications. The system is rounded out by 10 HP Pentium-based file servers running NetWare and GroupWise.

TEXT:

BOCA RATON, Fla. -- Guests at the Boca Raton Resort and Club expect

the finest during their stay -- in terms of their rooms, the restaurants, the golf greens, and especially service. The resort needs its computer system to help keep everything running smoothly.

Just because the resort is high-end, however, doesn't mean it has the budget or the desire to replace all of its existing systems and networks when it recognizes the need for some improvements. "The hospitality industry is unique in that it has a lot of different moving parts, a lot of different systems that all interface back to the main systems," says CIO Jon Carres. In fact, the resort uses products from almost 20 different vendors to automate activities ranging from room reservations to golf tee-off times to telephone services. Many of the charges need to find their way to the guest's bill in real time.

"The network is the glue that keeps it all together," says Carres. Last year, however, the resort recognized that its existing network didn't meet its current or future needs and hired Roswell, Ga.-based consulting firm Communications Technical Systems (CTS).

CTS helped the resort accomplish three goals: round-the-clock operation, fast system response, and the ability to use the information gathered more effectively in anticipating customer needs. "I think they now have an environment basically where there's no throwaway," said Mike Malone, VP of sales and marketing at CTS, after the upgrade was complete. "Everything they built -- from an applications standpoint and a systems standpoint -- they're going to be able to utilize in the future."

The resort had much invested in its applications, which ran on a network of smaller servers. To increase performance and reliability, CTS recommended installing two RS/6000 servers using IBM's High Availability Cluster Multi-Processing/6000 (HACMP/6000) for AIX. Clustering ensures that if one server fails, another automatically assumes workload responsibility, according to user-established defaults.

HACMP/6000's systems administration capabilities also enable distribution of the workload more evenly between the two servers and provide increased data security. Installation of Data General's Clariion RAID subsystem provides a level of data redundancy. A dual-ring FDDI LAN connecting the servers to the pre-existing network and a 100 Mbps backbone via FDDI also contribute to reliability and performance.

A Telecom Call Manager server handles various telecommunications functions such as room account information for voice and data calls (all rooms have a jack for modems) and a voice mail system.

Recently, the resort added a new telecommunications feature that makes its staff -- including IS staff members -- more accessible to guests, other employees and outside callers. It worked with the Motorola Derivative Paging Division (Boynton Beach, Fla.) as a beta test site for a site call and in-house paging application that connects with the resort's voice mail system. If a person does not pick up the phone, the caller has the option to page the call recipient rather than leaving a voice mail message. If the page is not answered, the caller still has the option of voice mail. The voice mail system follows up with a page to let the person know the caller left a message.

Boca Raton Management System, an in-house developed property management system, now runs on the RS/6000 servers, as does one point-of-sale system from Mitech Computer Systems (Montreal), used by many of the resort-owned retail stores. Software from Aptech Computer Systems (Pittsburgh) handles inventory control, purchasing, warehouse and construction-in-progress applications.

Using this system, chefs place daily orders on-line. They can also organize their thoughts on future purchasing needs using the Delphi Sales and Marketing package from Newmarket Software Systems (Portsmouth, N.H.), placing orders later on the Aptech system.

This spring, the resort goes live with a set of financial, inventory, workflow and purchasing applications from Computron Technologies Corp. (Atlanta), which will run on an Oracle database. One part of this system is

called Computer Output On-Line, which enables users to query and archive large amounts of information from various sources within the system. This in effect amounts to a built-in data warehousing capability and gives users the ability to understand customer preferences and anticipate their needs.

The resort also uses several applications from Hayward & Associates (Norcross, Ga.) to produce a daily operating report and handle payroll and other human resources functions, club memberships and guest marketing.

Although some applications were moved to the RS/6000s, many remained on the four-year-old, 100 Mbps network, which runs under Novell NetWare and Groupwise and now ties together 10 Hewlett-Packard Pentium file servers. Additionally, each server runs more general PC applications for messaging, word processing and spreadsheets.

The network provides a physical data link path to the RS/6000s and connectivity for the many workstations that need access to the applications on this group of servers. These servers also act as an intermediary for accessing data on the RS/6000.

The Boca Beach Club and Boca Country Club each use a server for general applications and to access the point-of-sale (POS) systems. Part of the Mitech retail POS application requires a server on this network. Another point-of-sale system from Hospitality Services (Boca Raton, Fla.) serves the restaurants. This resides on two separate HP file servers on the pre-existing network -- one at the main site and one at the Beach Club.

Tools within NetWare help manage and assess performance. Currently, this must be done from each server. Carres says the IS department is evaluating NetWare 4.X, which would enable management to be handled from a central location. IS has also purchased Novell's ManageWise to better manage more than 400 user clients.

Smaller charges, such as those from the in-room honor bars, are collected daily by staff members and posted through a dial-up system. Another application on the RS/6000 manages and gathers billing information about on-demand movies that guests order.

All of these systems help the resort's staff provide excellent customer service to guests and conference sponsors. For guests who need office services during their stay, the resort also worked with CTS to set up its Business Solution Center. Here guests have access to PCs, printers, high-speed copiers and fax machines.

Carres says the new network and RS/6000 have "given us the platform to grow the resort in a way that is nonintrusive to our clients who are guests, and to (IS') internal customers."

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SPECIAL FEATURES: illustration; photograph

COMPANY NAMES: International Business Machines Corp.--Products;

Communications Technical Systems--Contracts; Novell Inc.--Products; Boca Raton Resort and Club--Communication systems

DESCRIPTORS: Product Application; PowerPC-Based System; Operating System Enhancement; Network Operating System

SIC CODES: 3571 Electronic computers; 7372 Prepackaged software

TICKER SYMBOLS: IBM; NOVL; IBM; NOVL

TRADE NAMES: IBM RS/6000 (PowerPC-based system)--Usage; High Availability Cluster Multi-Processing/6000 (Operating system enhancement)--Usage;

NetWare (Network operating system)--Usage

FILE SEGMENT: CD File 275

16/19/8 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00387963 95PK06-008

IT says Novell hits mark with UnixWare 2

Patrizio, Andy

PC WEEK , June 5, 1995 , v12 n22 p23, 25, 2 Page(s)

ISSN: 0740-1604

Company Name: Novell

Product Name: UnixWare 2

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Reports that early users of Novell Inc.'s UnixWare 2 are impressed with the point-of-sale system's maturity and improved integration with NetWare, noting that performance is strong, and the product is reliable. Indicates that there also has been interest in UnixWare 2 for use with symmetric-multiprocessing servers as an alternative to RISC-based servers, since Intel-based Unix is considered cost-effective compared with non-Intel Unix. Notes that Novell claims that UnixWare 2 scales up to 32 Pentium processors; and suggests that the main challenge to Novell is to give UnixWare resellers the skills to help customers build complex UnixWare installations. States that such applications would often be vertical, customized, integrated with corporate systems, and deployed on a national or international basis. Includes one table. (jo)

Descriptors: Unix; Network Operating Systems; Point-of-Sale Systems; Multiprocessing; Server; RISC Technology; Pentium

Identifiers: UnixWare 2; Novell

T S14/FULL/6

14/19/6 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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01166351 Supplier Number: 41329458 (THIS IS THE FULLTEXT)

INTEGRATION STRATEGY: Orkand Starts Small

Computer Systems News, p21

May 14, 1990

ISSN: 0164-9981

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 570

TEXT:

The Orkand Corp. has big goals in systems integration, but has chosen to build its business in small chunks.

The Silver Spring, Md., company has marketed key components of systems integration for much of its 20-year history. Orkand has focused on technical support and custom software development projects for its client base, which is composed, for the most part, of federal government agencies.

But now the company is bundling its services, building applications expertise and targeting systems integration projects. Orkand has high expectations for its integration strategy.

Company founder and president Donald Orkand predicts the company will reach between \$150 million and \$180 million in revenue in 1995. By that time, he projects, systems integration will represent at least one-third of total revenue.

The company expects revenue of \$38 million for fiscal 1990 ending Sept. 30. Roughly \$25 million of Orkand's \$27 million in revenue generated in fiscal 1989 was derived from systems integration.

The company hopes to fuel its growth through a stream of small, focused integration opportunities, rather than a handful of federal government "megacontracts."

"We are not positioned to go after first-tier systems integration jobs," acknowledges founder Orkand, noting that proposal costs on such projects can run into the millions of dollars. "(We will) concentrate on smaller systems integration jobs that are tied to particular niches," he said.

Jim Kerrigan, an analyst with Input Inc., Vienna, Va., believes mid-sized companies pursuing smaller contracts are on the right track. "Systems integration doesn't necessarily imply big," Kerrigan explains. "There are a lot of (small) projects."

Orkand recently captured one such deal with the Army's Fort Knox Contracting Directorate. Under the contract, valued at \$334,000 over five months, Orkand will install an integrated point-of-sale (POS) network for the Fort Knox club system. The club system consists of an officers club, a non-commissioned officers club and a community club.

Orkand will manage subcontractors, including NCR Corp., Dayton, Ohio, which will provide POS terminals, and Restaurant Management and Controls Systems Corp., Redwood City, Calif., which will offer specialized hospitality industry software. Orkand will provide project management and training services.

resident Orkand says his company will look to use its point-of-sale integration expertise on other government projects. The company, he indicates, will specialize in other areas as well, including document management systems.

Orkand has established an infrastructure to support its special skills in systems integration for particular fields. The company has assembled technical teams to focus on nine such niches: computer-aided software engineering (CASE), geographic information systems, automated publishing,

survey processing, database management systems, local- and wide-area networks, Unix, image management and parallel processing.

Each technical team is charged with keeping track of its particular area of specialization. "They look at emerging technology and what it means for clients," Orkand explained.

The company also has established its own systems development methodology. To automate the development process, Orkand uses CASE tools from a number of vendors. The tools to be used on a given project, the company president explained, are determined by the customer's specific application.

The decision to pursue systems integration came about two years ago, Orkand recalled. The move was, in part, a defensive measure. "It became apparent to us that systems integration was not just a market opportunity but a survival issue," Orkand said. "A lot of what we call ADP (automated data processing) support or information systems development contracts would be embedded into systems integration (projects)."

By John Moore

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PUBLISHER NAME: CMP Publications, Inc.

COMPANY NAMES: *Orkand Corp.

EVENT NAMES: *650 (Sales & consumption)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372700 (Contract Software & Services)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation)

NAICS CODES: 5415 (Computer Systems Design and Related Services)

SPECIAL FEATURES: COMPANY

8/19/1 (Item 1 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)

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02043635 Supplier Number: 42636949

POS System Features Multi-Job Processing

Office Equipment & Products, p27

Jan, 1992

ISSN: 0387-5245

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

Mitsubishi Electric's personal-computer-based T3810 point-of-sale (POS) system features parallel processing. The unit is able to process data online at the same time it registers a sale and processes a job such as ledger output. It relies on a 32-bit 386SX microprocessor operating at 16MHz and features 2MB memory, a 40MB hard disk, a 9-in CRT display, a drawer, and a printer.

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PUBLISHER NAME: Dempa Publication Inc. (Japan)

COMPANY NAMES: *Mitsubishi Electric Corp.

EVENT NAMES: *330 (Product information)

GEOGRAPHIC NAMES: *9JAPA (Japan)

PRODUCT NAMES: *3573062 (Point-of-Sale Systems)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); INTL (Business, International)

NAICS CODES: 334111 (Electronic Computer Manufacturing)

SPECIAL FEATURES: COMPANY